

Figure 1 : Full mesh network

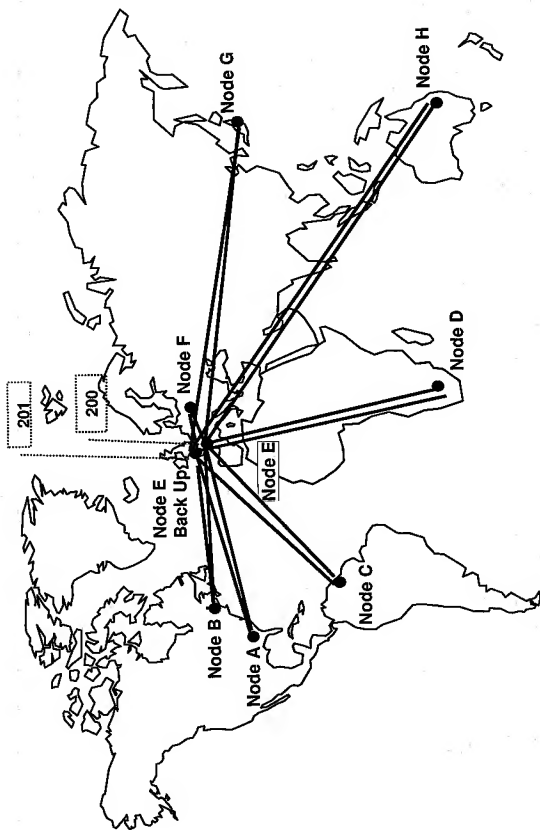


Figure 2: Star network

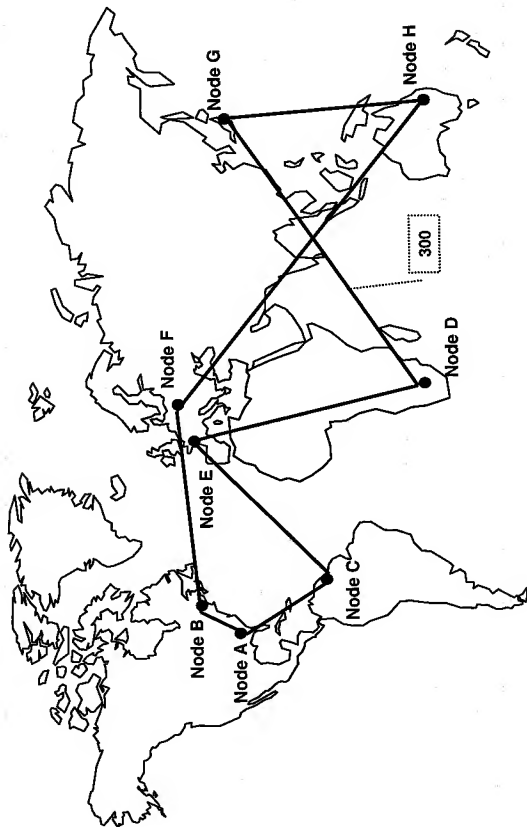


Figure 3: Virtual Ring Network

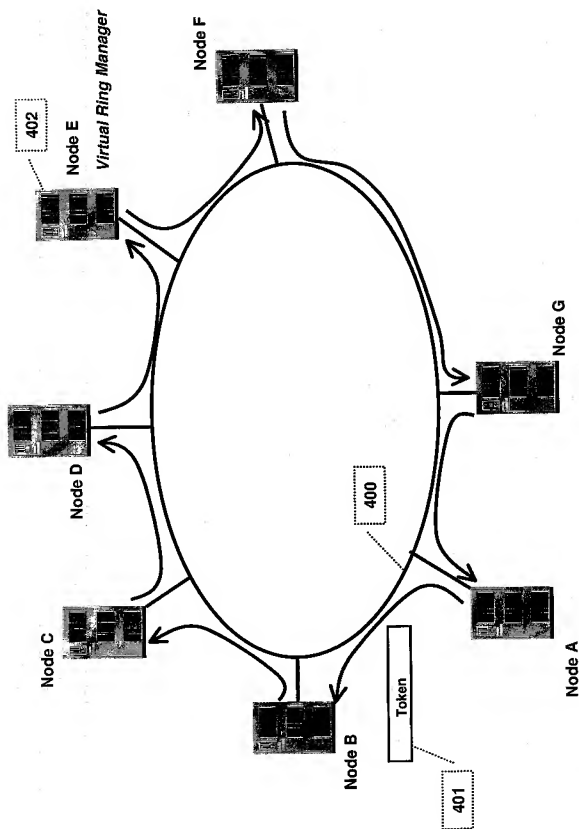


Figure 4: Token on Virtual Ring

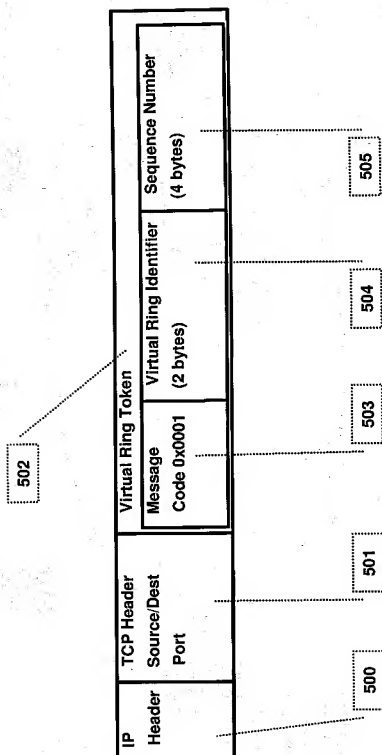


Figure 5: Token description

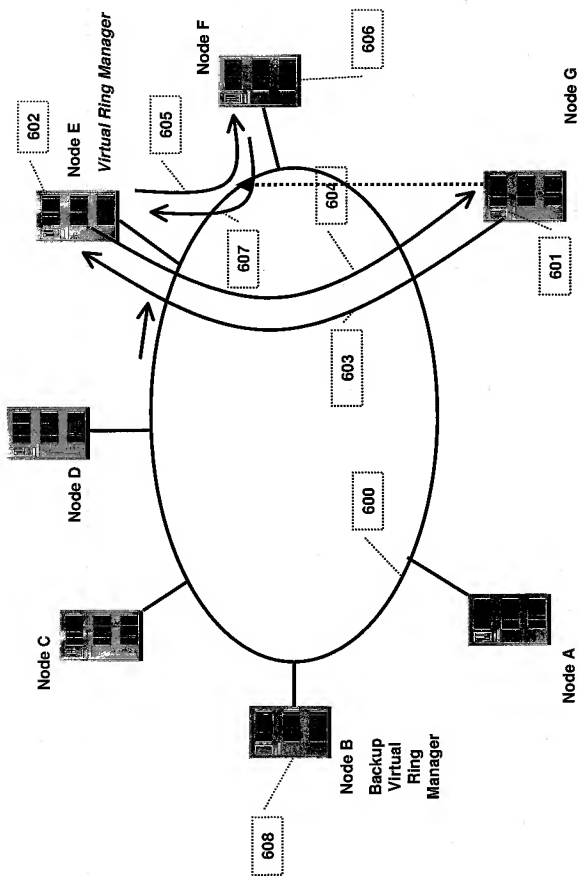


Figure 6: Node insertion on the Virtual Ring

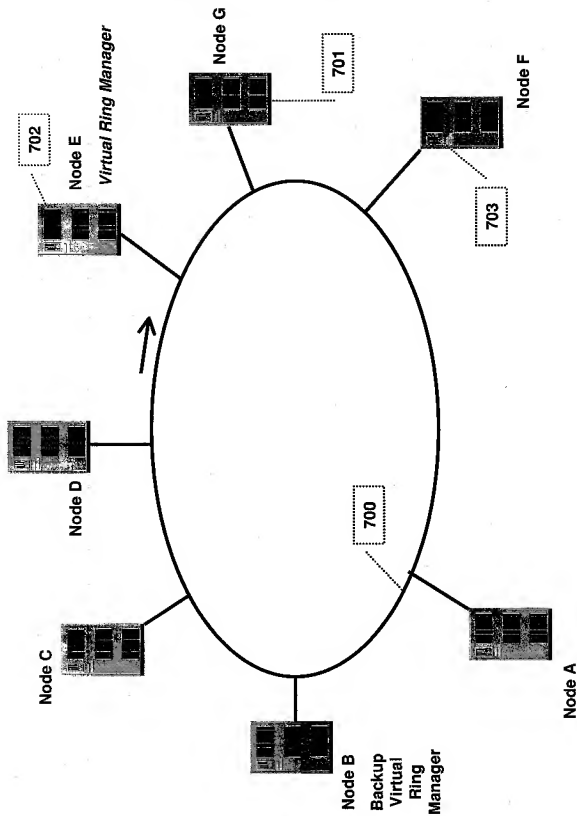


Figure 7: Node insertion on the Virtual Ring - Result

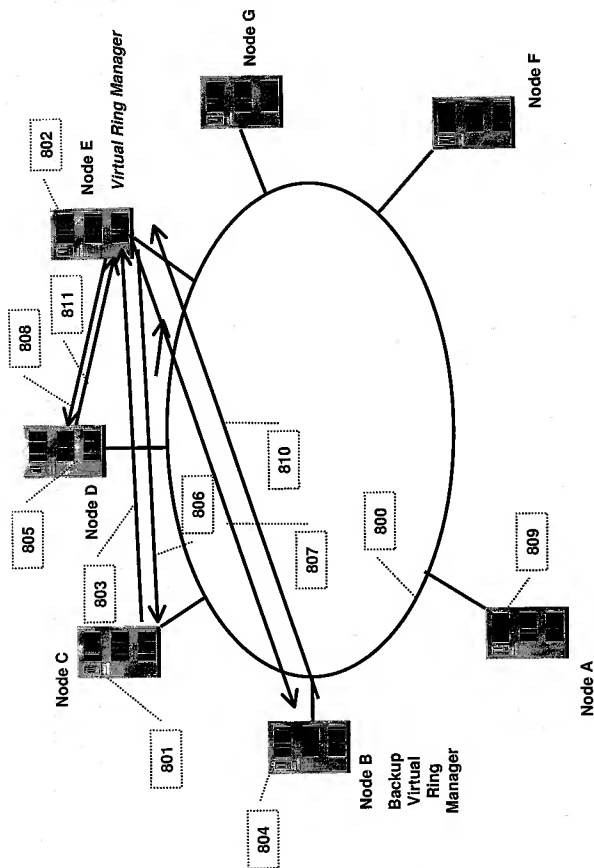


Figure 8: Node solicited removal from the Virtual Ring



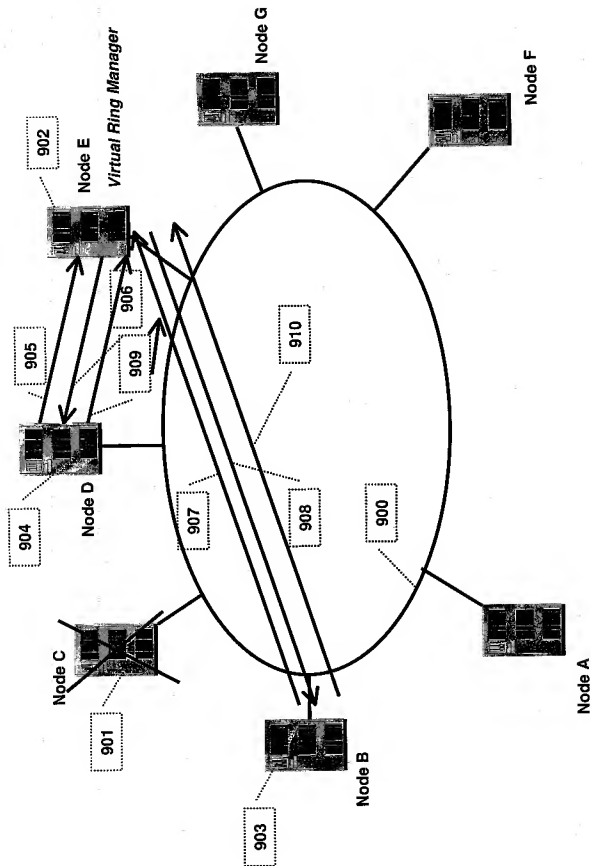


Figure 9: Loss of a Node

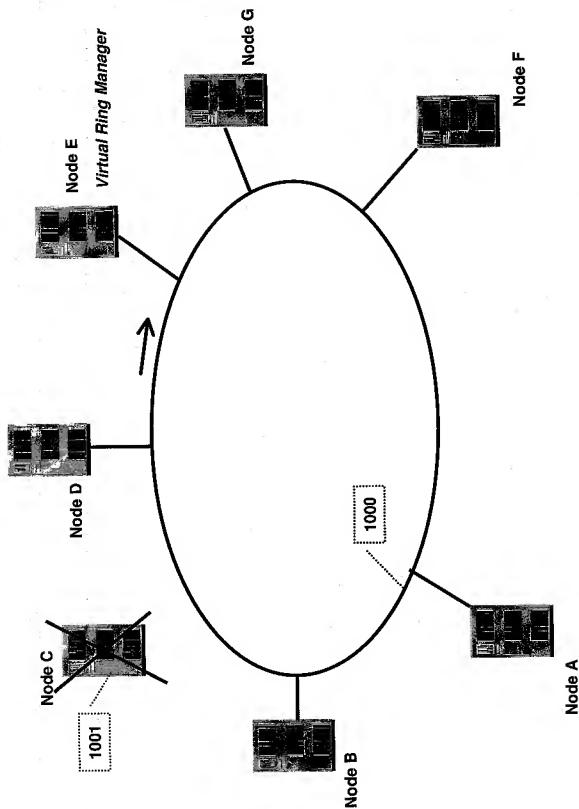


Figure 10: Loss of a Node - Result

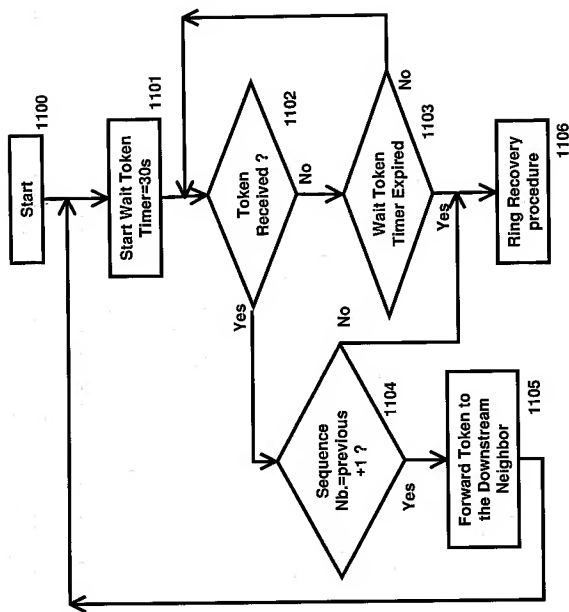


Figure 11: Token Processing by a node

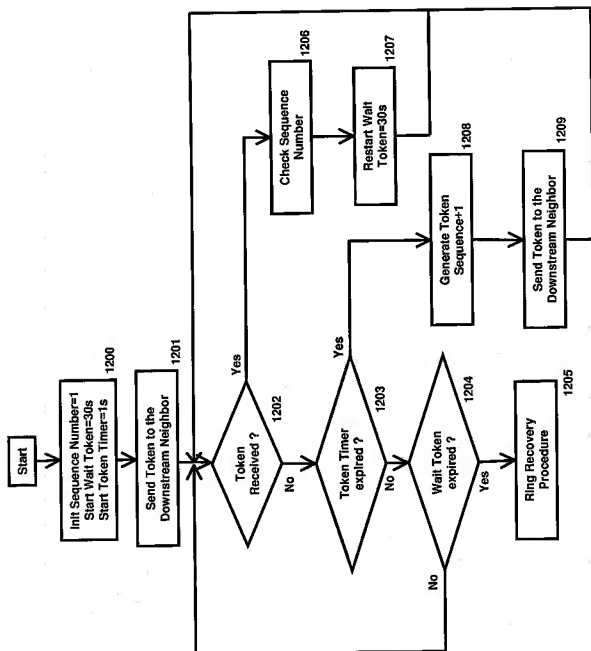


Figure 12: Virtual Ring Manager: Token Management

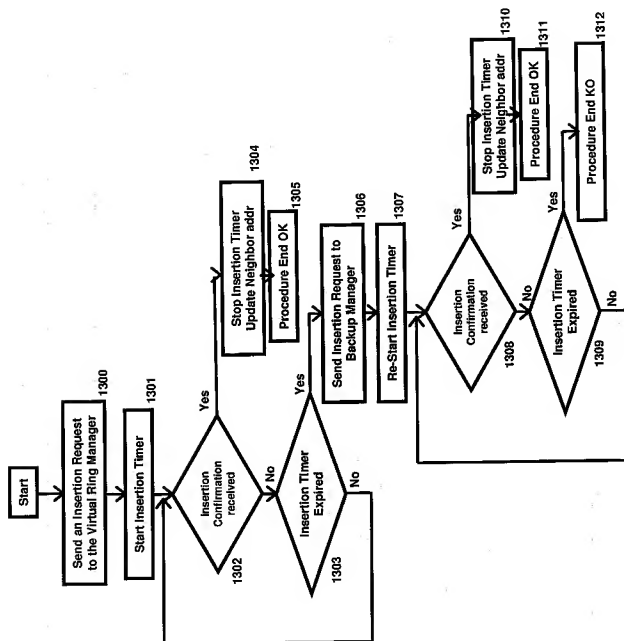


Figure 13: Node insertion - Algorithm in the inserting Node

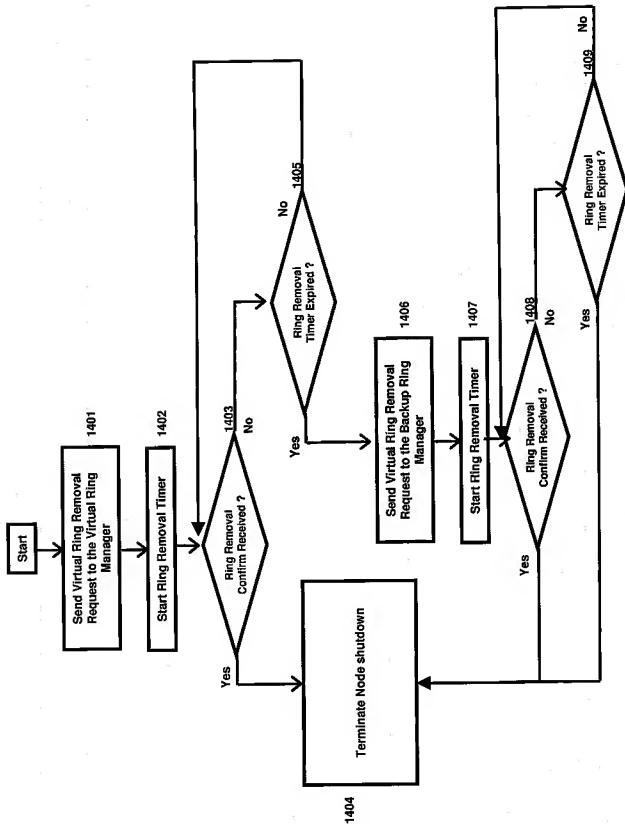


Figure 14: Node removal - Algorithm in the removing node

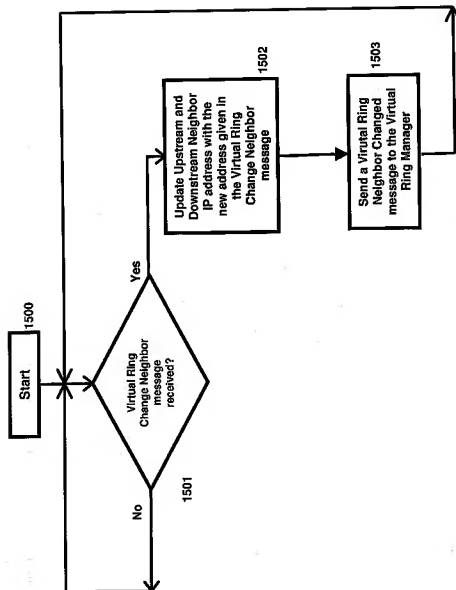


Figure 15: Node insertion/removal - Algorithm in the Adjacent Nodes

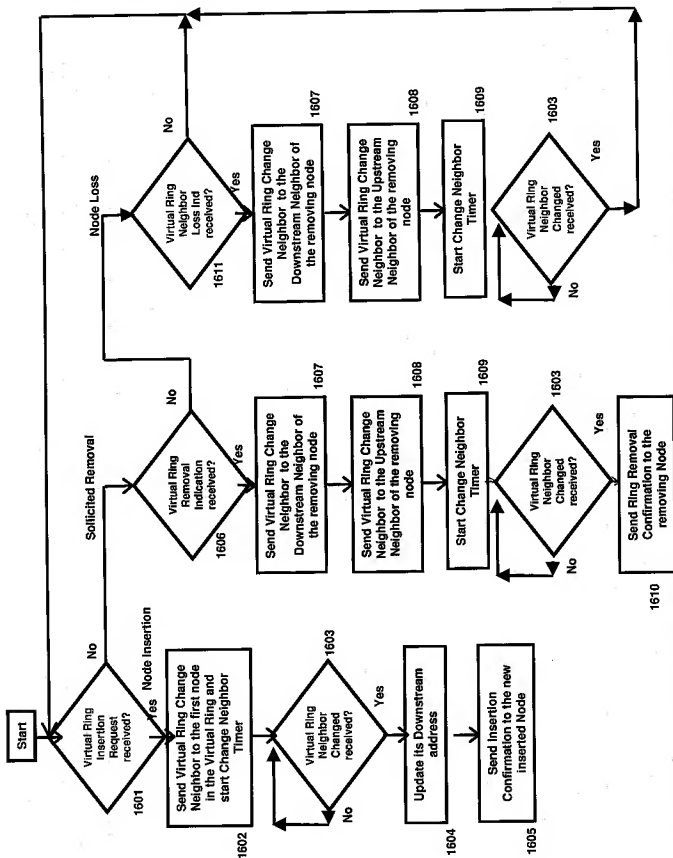


Figure 16: Node insertion/removal - Algorithm in the Virtual Ring Manager



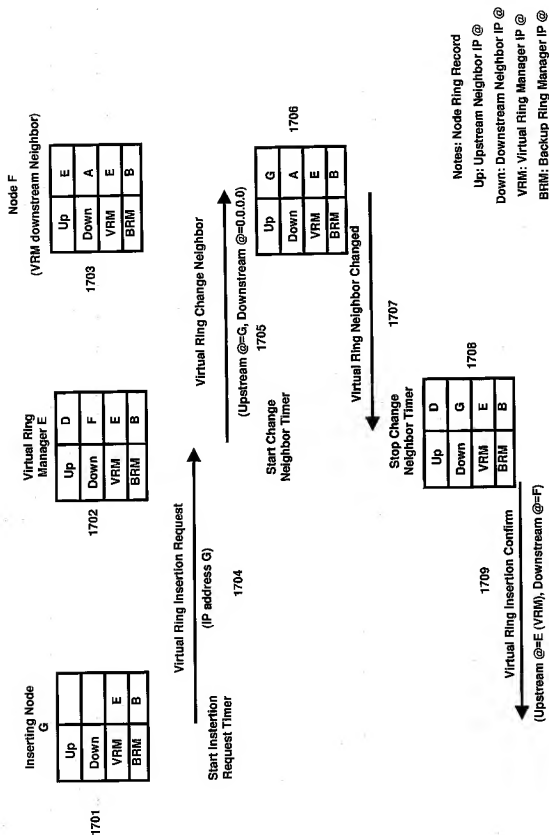


Figure 17: Flow of a Node Insertion

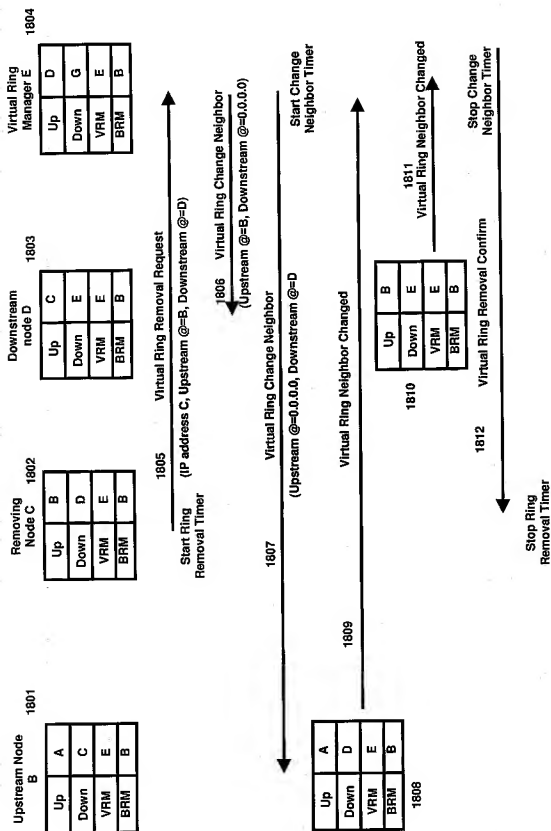


Figure 18: Flow of a Node Solicited Removal

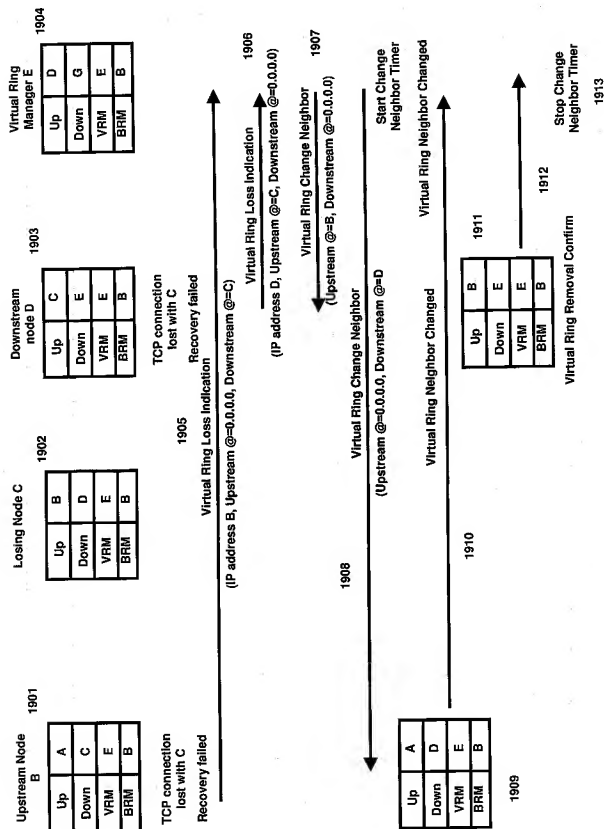


Figure 19: Flow of a Node Loss